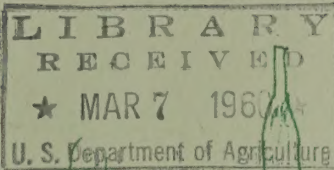


62

[1960]

**JOYCRAFTS**

337 Pittock Block, Portland 5, Oregon



# Gourdcrafts

Easy to start!  
Very little money needed!

MOST FASCINATING - PROFITABLE  
ENJOYABLE FOR THE WHOLE FAMILY

+ + + + +

Yes, one of the most fascinating of all cultures is the art of GOURDCRAFT. For any one who enjoys the great outdoors, who loves the soil, has that yen for growing things, who takes delight in planting a seed to grow into WONDERS---will be thrilled with gourds. Yes, it is an old art--but it has been revived and gaining popularity in this country as well as in a great many other countries.

Gourds have been in use since the dawn of history. Depending on size, shape and the thickness of shells, gourds have provided man with dishes for his food; bottles to carry water, drums to beat the rhythmic music for enjoyment. Coming in to our lives, dipper-gourds are still hung by the wells, the swans-neck and other gourds are used for nests, providing homes for such birds as wrens, martins, swallows, etc. Gourds make very lovely giftware--salt-dishes, lamps, vases, ornaments and countless table decorations.

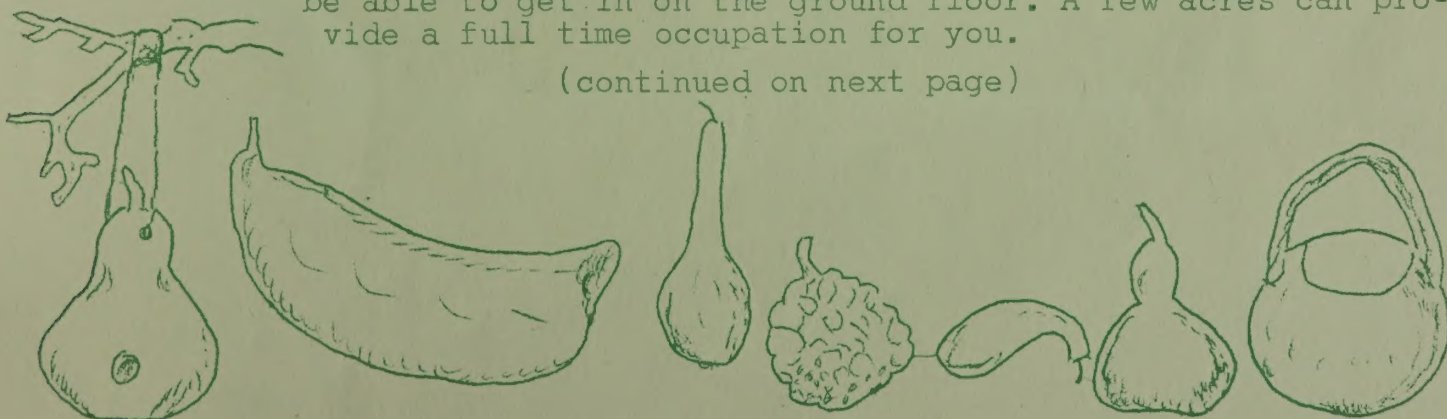
TODAY, the colorful ornamental gourds, these very gaily-colored fruits of the vine, some smooth, the others warted, many shapes and sizes have become one of the real symbols of autumn. They are becoming more and more popular for table center-pieces, and when dried they create all sorts of fun for dull days. Painted, they are quite lovely for Christmas tree ornaments; or small dishes, spoons, mapkin rings, a toy duck, the head of a puppet, or many of the other charming ornaments one's ingenuity can contrive. Gourdcraft offers many opportunities for a profitable future.

Their growing season is not long, they can be planted quite late in the season, or do well in climates with a short growing time. In a warm area, with no winters, you can grow two crops in a year. We carry a full time of supplies, and also the gourds in season.

Gourdcraft, like most other hand crafts, is simple if you know how and enjoy it. Skill comes with practice, the tools needed are not elaborate or expensive.

This is a culture that is not over-done. There are comparatively few raised in relation to the demand. Many communities have no growers at all. You may be able to get in on the ground floor. A few acres can provide a full time occupation for you.

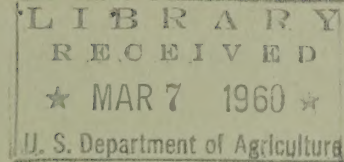
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B O O K S

Garden of Gourds: you'll love this \$2.50  
 Gourd Clippings . . . . . .35  
 Gourd Growers of the South Seas . . 3.00  
 The Gourd in Folk Literature . . . 3.00  
 Gourds of the South East Indians. . 3.00  
 SPECIAL REPORTS: Any subject . . . 5.00

C O M I N G --

HANDBOOK OF GOURDS, a very beautifully illustrated text book, with illustrations of all known types, sizes, and kinds - full of drawings on the crafts, with the instructions how to make scores of very profitable items. Very nicely printed, a splendid addition to any library. Reserve your copy now, price only \$5.00.

THE GOURD KIT: A folio of complete instruction, 2 packages of seeds, copy of magazine with gourd items, a coupon worth \$5.00 for special report, gourd clippings, etc. All for only \$1.00 prepaid.

MAGAZINES that carry gourd material can be suggested to you on request.

FOR MARKETING - let us suggest a membership in the Guild. Membership application on request. Any additional information furnished, on this or other subjects.

S E E D S

All large varieties, craft types mixed, .35	Large size packet for .65	1 lb. for \$6.50
All types of the ornamentals mixed - - .35	" " " " .65	" " 7.00
Hercules Club, long variety - - - - .35	" " " " .65	" " 7.00
Cave Men's Club, a large gourd - - - .35	" " " " .65	" " 7.00
Green Snake - - - - - .35	" " " " .65	" " 7.50
Turk's Turban, large red decorative - - .45	" " " " .75	" " 9.00
Sponge (Dishrag) used as sponges - - - .30	" " " " .50	" " 8.00
Martin Birdhouse Gourd, popular craft - .25	" " " " .45	" " 7.50
Mexican Club, long handle - - - - .45	" " " " .75	" " 9.00
Swan's Neck, large crooked neck - - - .35	" " " " .65	" " 7.00
Sugar trough, a large craft type- - - .45	" " " " .75	" " 9.00
Large Bottle Gourd, very popular- - - .35	" " " " .65	" " 7.50
Dipper, fruit makes an excellent dipper .35	" " " " .65	" " 7.50
Warted Ornamental varieties mixed - - - .35	" " " " .65	" " 7.50
Apple Shaped Ornamentals - - - - .35	" " " " .65	" " 7.00
Miniature Bottle type - - - - .35	" " " " .65	" " 7.50
Crown of Thorns, nice novelty - - - .35	" " " " .65	" " 8.00
Flat stripped, green and white- - - .35	" " " " .65	" " 7.50
Nest Egg, practical nest eggs - - - .45	" " " " .75	" " 9.00
Orange, beautiful mock orange - - - .30	" " " " .60	" " 7.00
Pear shaped, green and white - - - .35	" " " " .65	" " 7.50
Pear shaped, white - - - - .35	" " " " .65	" " 7.00
Pear shaped, striped yellow and green - .35	" " " " .65	" " 7.00
Spoon, small bell-shaped, slender neck .45	" " " " .75	" " 9.00

All gourd seed is sent prepaid. Early orders are advised, even late summer or fall, as very often toward planting season we run out of some varieties. Get a good supply on seed, this is the foundation of your project. Large volume for many acres, prices on request.

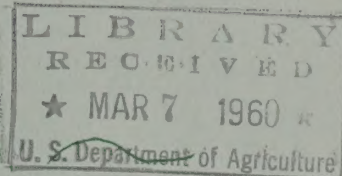
GOURDS FOR CRAFTS - you might not have room to plant many but would like to buy the gourds to make your gourdcraft business a financial success. From September to March, we can in most instances, supply you with gourds. They come green or partially cured - large crafts are from 50¢ to \$1 each, medium sizes \$5 a dozen, and small ornamental varieties are \$5 for two dozen. This is not prepaid. We ship by express collect or by truck line or freight, whatever is the most reasonable. If you operate a shop for resale, let us know how many you can use, and we can give you prices. Order early - often before holidays many are sold. JOYCRAFTS OF OREGON (Joy Industries), 337 Pittock Block, Portland 5, Oregon, Ph: CA. 2-6924.







# ~ new specials



ORNAMENTAL CORN: - often called Indian Squaw or Calico Corn. This has kernels of many colors on the same ear. Beautiful for fall decorations, or can be used in table displays with gourds, in exhibits, and in most types of planters. Grows in nice stalks and is very productive. It is a easy corn to grow, and will produce in any type of climate with the other types of corn will thrive.

1 packet ... 25¢; large size ... 50¢ 1 lb. \$2.50.

STRAWBERRY CORN: This is really "Pop Corn", but its charm and tiny ears which are only 2 inches long and 1½ inches wide and a rich shiny mahogany red color, not unlike a gigantic strawberry. Straw-colored husks which may be bent back to show the attractive ear. Very popular for decorations as well as "popping". 1 packet .. .50; large ... \$1.00; 1 lb ... \$6.50

## MUSHROOM SPAWN:

New Spore Culture Spawn: --is made entirely by a new process. More vigorous and has more productivity than tissue spawn. Produces mushrooms of much greater uniformity and much truer to type. 1 brick (1 lb.) \$1.50 Ten blocks \$12.50. Instruction for culture included.

STERILIZED BOTTLED Spawn: comes in cartons. One carton will spawn 40 square feet. Price \$3.00 per carton. One dozen for \$24.50.

Mushroom culture can develop into a profitable business.

Large Giant Tree Tomato: A Joycraft pride and joy - a deliciously pink tomato of enormous size and finest table eating quality. There is a "sell-out" market for these large tree tomato plants. There is no rival as to size, nice large fruit and vine growth. The large pink fruits have but very few seeds and are top quality, full of tender delicious flesh, of mild, non-acid flavor - you'll be delighted. Packet 50¢ - large 85¢.

Hybrid Golden Cross Bantam Sweet Corn. - makes delicious eating, dandy for canning or the home freezer. Very hardy, easy to grow, and a popular item of our Joycrafts. Packet 25¢, large 45¢, 1 lb. \$1.25

Pumpkin: Halloween, Jack-o-Lantern type, very productive, nice size, and beautiful rich color. Packet 25¢, large 45¢ 1 lb. \$2.50.

Joycraft Giant - big field type, very prolific and hardy. If properly fertilized and watered, grow to 3 ft. and more in diameter. Very sweet pies, etc. Packet 25¢, large 45¢, 1 lb. \$2.75.

Dill: For pickling cucumbers and other vegetables, seasoning, etc. A very popular variety. Packet 25¢, large 45¢, 1 lb. \$2.50.

Write us for any specialty seeds you may need.

JOYCRAFTS OF OREGON

+ + +

337 Pittock Block

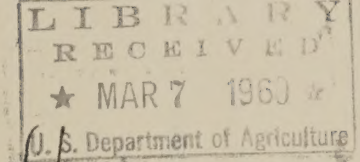
Portland, Oregon

Ph: Capitol 2-6924









# ooo the healthful sunflower

In many countries a soldier is given a daily ration of the oil extracted from sunflower seed to keep them in good condition.

If you want a salad dressing---or a cooking oil---which digest very easily, why not try sunflower seed oil? It has advantages over olive oil in that it contains more vitamins and remains liquid at a lower temperature.

Although every part of the sunflower is useful either nutritionally or commercially, by far the most valuable product is the seed. Some 2,362 seeds have been found in a single flower head, and each seed has the large oil content of from 25% to 60%. This oil is top-grade quality and contains more fat and protein than most any other seed---it contains in fact about 40 to 55 per cent protein and about 5% fat. Few people fully comprehend the tremendous food value of the sunflower.

The sunflower (*Helianthus annuus*) is a native of Central America and particularly of Peru. It is said to have been imported into Spain two or three hundred years ago to be used for confectionery, but it was not until the middle of the last century that oil was extracted from the seeds--by the Russians. There was a time when every Russian soldier was given a daily ration of sunflower oil to keep him in a pink of condition. Many other countries followed suit and it became popular.

Today, Argentine is the chief source of sunflower oil, but it is also produced in many other Latin American countries, in the United States of America, and in many other countries.

The finest grade of Sunflower oil, which pale yellow and has a very delicate taste, is obtained by a cold process in pressuring of the "hulled" seeds. Inferior oils are then obtained from the residue and make very good cattle feed. Health food stores also market a lot of this wonderful oil.

An acre of sunflowers will produce approximately from 2,500 to 4,000 sunflower heads. The tall heads of the flowers, each measuring about 15 inches across, produce about 50 gallons of oil to the acre and about 150 pounds of oilcake. Many reports also indicate that the sunflower also produces a very fine quality honey. Many farmers in this country and other countries raise nothing but sunflowers for their bees. About ten acres of sunflowers and a number of beehives can earn a family a nice living.

Besides protein, vitamins and other minerals, sunflower seeds are exceedingly rich in iron. They have an abundance of the very important unsaturated fatty acids. Sunflower seeds are so emollient that they have a soothing effect on the mucous membrane, and most coughs, including whooping-cough, can usually be relieved by a liquor made as follows: - put about two ounces of sunflower seeds into a saucepan containing a quart of cold water and bring to the boil. Simmer slowly until the water is reduced to a pint. Strain and sweeten to taste with brown sugar or honey. A tablespoon should be taken whenever required. Sunflower products have other medical uses and often prescribed by a doctor.

Have you ever tried eating the green sunflower buds as a vegetable? When cooked quickly in just a little water, they make an excellent accompaniment to meat or nutmeat dishes. If allowed to become cold, they are often used in salads. Many people eat them with butter after the manner of artichokes.

Other minerals provided by sunflower seeds include silicon, phosphorous and fluorine--all directly concerned with the health of the hair, nails, blood, teeth and gums. Experiments have proved that a deficiency of silicon in the diet leads not only to loss of hair and decay of teeth but to a greatly lowered resistance to infection. Much more experimenting is under way - and data to come soon. Finally, the sunflower has another great virtue. If you are unfortunate enough to live in a damp house, plant sunflowers against the outer walls and the dampness will disappear. Many of the swamps in Holland have been made fit for habitation by the wholesale growing of sunflowers on the soil. If you have a piece of swamping ground around your farm, try planting it with sunflowers.

We handle a very fine strain of Russian Jumbo Sunflower seed for your plantings, large or small. Place your order for seed today.

1 packet 25¢ - Large size 50¢ - or \$2.50 a pound.

For food purposes, we can furnish you with shelled sunflower seed, at \$2.75 a pound prepaid.

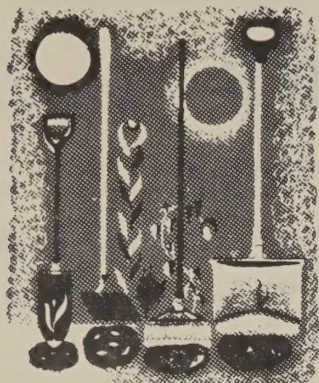
JOYCRAFTS OF OREGON

337 Pittock Block - Phone CApital 2-6924 - Portland 5, Oregon.

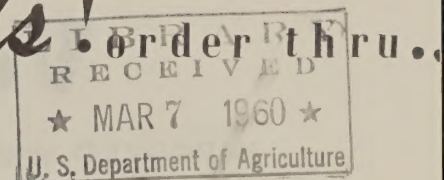




CABLE: Joyco



# Vegetable Seeds!



# Joy Industries



## Grow Finest Quality With New Varieties

Dear Friends:-

Numerous of our gourd customers constantly write for a various vegetable seeds. It is their plan to raise an organic garden for family use, or sell organically raised and naturally ripened or matured products for the health food market.

Then there is the love and enjoyment of gardening itself; for the tasty, naturally raised produce they bring to the table, and again, for the health-giving qualities in them for the family and friends. Our seeds are chosen for type that have tendencies to offer more in vitamin, mineral, protein or other essential-to-health elements. Of course to secure maximum results, you will have to provide proper soil with compost and organic types of fertilizer added.

Your garden can mean more nutritiionally. Plant breeding research has brought a very wonderful surge of better varieties for you to plan on now! As you will look through these pages, you will note that practically every type of vegetable is represented and just about every known variety. Some grow better in certain climates or soils, and others will produce more efficiently in certain environments. Our packets as a rule, contain about three times as many seeds or more, as you ordinarily get in the store. We have economical pound rates, if you wish to produce in large volume, for yourself or neighbors or for the market. Organically raised produce has top market prices, and if you do not have this outlet in your area, we can help you with names and addresses of firms that buy, or tell you where to advertise and build your own steady market by mail.

If you do not have a compost, or are unable to obtain good vegetable garden fertilizer of the organic type, we can supply you with 100% ORGANIC semi-granular high analysis activated sludge, testing from 5.0% to 5.5% organic nitrogen and from 5.0% to 6.5% of phosphate. Being all organic it is safe, a long lasting fertilizer that will not burn at any season of the year. Price 50 lbs. for \$3.75 and 80 lbs. for \$4.75. Delivery extra. We also have organic bone meal, blood meal, etc. Write for prices.

Don't hesitate to serve good food. Too much of the vegetables and fruits in the markets are not ripened or matured, poison sprays and fertilizers often damage a crop, and produce is tainted and damaged in shipping, storage, and distribution. Raise your own -- know what you are getting. If you are interested, we can provide a line of fruit trees and berries, grapes, roots, etc. that will help you in your health project.

Let's face the facts - and know what we eat.

Capitol 2-6924

337 Pittock Block  
Portland 5, Oregon





# Joycraft Vegetable Seeds

## IMPROVED VEGETABLE SEEDS

FROM the most dependable growers, who operate in localities most favorable for the production of their special seed crops, we purchase the highest quality of seed. Our buyers inspect the crops while growing to make sure they have been properly rogued and are true to type. Each lot of seed is tested in our laboratories when received. Each year we grow samples of vegetable seeds in our own trials, to make our check on quality. By these precautions we assure our customers of the best available seeds of each variety.

### ARTICHOKE

Green Globe..... Pkt. .50¢ - 1 Lb. \$15.00

### ASPARAGUS SEED

Mary Washington..... Pkt. .25¢ - 1 Lb. \$5.00  
Paradise..... " .30¢ - " 6.00

### ASPARAGUS ROOTS

Mary Washington. 2 Year Old..... 100 1000  
\$5.00 - \$40.00

### BUSH BEANS—Green Pod

Black Valentine Stringless..... Pkt. .20¢ - 5 Lb. \$4.50  
Bountiful Stringless..... " .25¢ - " 5.00  
Commodore..... " .20¢ - " 4.50  
CONTENDER (Very early)..... " .25¢ - " 5.00  
Dwarf Horticultural..... " " - " "  
French Horticultural..... " .30¢ - " 5.50  
Garden Green..... " .20¢ - " 4.50  
Giant Stringless..... " " - " "  
Landreths Stringless..... " .30¢ - " 5.50  
Pearlgreen..... " .25¢ - " 5.00  
Seminole..... " " - " "  
Streamliner..... " .30¢ - " 5.50  
Tendercrop..... " .20¢ - " 4.50  
Tendergreen..... " " - " "  
Topcrop (Gold Medal Winner 1950)..... " .25¢ - " 5.00  
WADE (Gold Medal Winner 1952)..... " .25¢ - " 5.00

### WAX BEANS

CHEROKEE WAX..... Pkt. .25¢ - 5 lb. \$5.00  
Choctaw Wax..... " .30¢ - " 5.50  
Golden Wax (Top Notch)..... " .25¢ - " 5.00  
Kinghorn Wax..... " .30¢ - " 5.50  
Pencil Pod Black Wax..... " .20¢ - " 4.50  
Sure Crop Bountiful Wax..... " " - " "

### BUSH LIMA BEANS

Baby Fordhook..... Pkt. .25¢ - 5 Lb. \$5.00  
Burpee's Improved Bush Lima..... " " - " "  
Cangreen..... " .20¢ - " 4.50  
FORDHOOK 242..... " .25¢ - " 5.00  
Fordhook Bush Lima..... " " - " "  
Henderson Baby Lima..... " .20¢ - " 4.50  
Jackson Wonder..... " " - " "

### POLE LIMA

King of the Garden..... Pkt. .25¢ - 5 Lb. \$5.00  
Large Speckled (Xmas)..... " " - " "

## POLE BEANS

Blue Coco..... Pkt. .30¢ - 5 Lb. \$5.50  
Horticultural Cranberry..... " .25¢ - " 5.00  
Kentucky Wonder or Old Homeste..... " .20¢ - " 4.50  
Kentucky Wonder Wax..... " .30¢ - " 5.50  
Scarlet Runner..... " " - " "

## BEETS

Crosby's Egyptian..... Pkt. .50¢ - 1 Lb. \$3.00  
Detroit Dark Red..... " " - " "  
PERFECTED DETROIT..... " .55¢ - " 3.50  
Early Flat Egyptian..... " .50¢ - " 3.00  
EARLY WONDER SPECIAL GRI..... " .60¢ - " 3.00  
Ruby Queen..... " " - " 4.00  
Winter Keeper (Long Season)..... " .50¢ - " 3.00

### MANGEL

Golden Tankard..... Pkt. .15¢ - 1 lb. \$2.00  
Mammoth Long Red..... " " - " "

### SUGAR BEETS—

Klein's Wanzleben..... Pkt. .15¢ - 1 lb. \$2.00

### SWISS CHARD

Dark Smooth. Broad White rib..... Pkt. .20¢ - 1 Lb. \$2.80  
Giant Fordhook..... " " - " "  
Lucullus..... " " - " "  
Rhubarb..... " .35¢ - " 4.50

## GREEN SPROUTING BROCCOLI

DeCicco (Earliest to mature)..... Pkt. .50¢ - 1 Lb. \$8.50  
Italian Calabrese..... " " - " 6.50

## BRUSSELS SPROUTS

Jade Cross (Packets only 50 seeds, Pkt. \$1.50 - 1 Lb. \$25.00  
Long Island Improved (Catskill " .65¢ - 1 Lb. 6.50

## CABBAGE YELLOW-RESISTANT CABBAGES

All Seasons Improved..... Pkt. .25¢ - \$10.00  
Badger Market (Early)..... " .30¢ - 12.50  
BUGNER..... " " - "  
GLOBE..... " .25 - 10.00  
GOLDEN ACRE RESISTANT..... " .35 - 14.00  
Jersey Queen..... " .25 - 10.00  
Marion Market..... " " - "  
RACINE MARKET (Wisconsin Pride)..... " " - "  
Wisconsin Ballhead..... " .30¢ - 12.50  
Wisconsin No. 8..... " .25 - 10.00  
Wisconsin Copenhagen..... " " - "

## STANDARD VARIETIES

Charleston Wakefield..... Pkt. .50¢ - 1 Lb. \$6.00

These Prices Subject to Change Without Notice.



## CUCUMBERS—Continued

Davis Perfect.....	Pkt. .20¢ - 1 lb.	\$4.50
Improved Long Green.....	" " - "	"
Japanese Climbing.....	" .25¢ - "	5.00
Mandarin.....	" .30¢ - "	5.50
Marketer Long Type.....	" .25¢ - "	5.00
MARKETER (Excellent for market)	" .20¢ - "	4.50
Mincu.....	" 25¢ - "	5.00
MR 17 (Mosaic resistant pickle)...	" .20¢ - "	4.50
National Pickling.....	" " - "	"
NIAGARA (Mosaic resistant slicer)...	" .25¢ - "	5.00
Smoothie.....	" " - "	"
Stono (New mildew resistant slicer)...	" " - "	"
Straight Eight.....	" " - "	"
The Vaughan (Open pollinated)...	" " - "	"
West India Gherkin.....	" " - "	"
Wisconsin No. 6 (Spot resistant)...	" .20¢ - "	4.50
Yorkstate (Mosaic resistant pickle)...	" " - "	"

## DANDELION

Thick Leaved or Cabbaging...	Pkt. .35¢ - 1 lb.	5.50
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## DILL

Long Island Mammoth.....	Pkt. .25¢ - 1 lb.	\$5.00
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## EGG PLANT

Black Beauty.....	Pkt. .35¢ - 1 lb.	\$15.00
Florida High Bush.....	" " - "	"
VAUGHAN'S HYBRID (Black).....	" .75¢ - "	50.00
Vaughan's Improved N. Y. P.....	" .35¢ - "	15.00

## ENDIVE

Broad-leaved Batavian White.....	Pkt. .20¢ - 1 lb.	\$4.50
Full Heart.....	" " - "	"
Florida Deep Heart.....	" " - "	"
Green Curled Pancalier, Rose 1.....	" " - "	"
Green Curled Summer.....	" " - "	"
Moss, Very Fine Curled.....	" " - "	"

## GARLIC

Selected Bavarian, lb., 95¢ Write for prices on larger lots.

## HERBS

Anise.....	Pkt. .30¢ - 1 lb.	\$6.00
Borage.....	" .25¢ - "	4.00
Caraway.....	" " - "	"
Catnip.....	" .45¢ - "	12.50
Coriander.....	" .25¢ - "	3.00
Fennel, Florence.....	" " - "	"
Fennel, Sweet.....	" " - "	"
Horehound.....	" .50¢ - "	10.00
Lavender (True).....	" .75¢ - "	21.50
Saffron.....	" .50¢ - "	10.00
Rosemary.....	" .65¢ - "	17.50
Sage.....	" .50¢ - "	11.00
Savory, Summer.....	" .30¢ - "	7.00
Sweet Basil (Lettuce Leaf).....	" .45¢ - "	9.00
Sweet Marjoram.....	" .50¢ - "	12.00
Thyme.....	" .75¢ - "	17.50

## KALE OR BORECOLE

Dwarf Green Curled.....	Pkt. .20¢ - 1 lb.	\$4.00
Tall Green Scotch.....	" " - "	"
Vates (Dwarf Blue).....	" " - "	"
Siberian Long Standing.....	" " - "	"

## KOHLRABI

Early Purple Vienna.....	Pkt. .25¢ - 1 lb.	\$5.00
Early White Vienna.....	" " - "	"

## LEEK

Broad Scotch or London Flag.....	Pkt. .35¢ - 1 lb.	\$9.00
Large Musselburg.....	" " - "	"
Elephant.....	" " - "	"

## LETTUCE

### Leaf Varieties

Black-Seeded Simpson.....	Pkt. .20¢ - 1 lb.	\$3.50
Early Curled Simpson.....	" " - "	"
Grand Rapids Forcing.....	" " - "	"
Oak Leaf.....	" .25¢ - "	4.00
Prizehead.....	" " - "	3.50
Ruby.....	" .35¢ - "	5.00
SALAD BOWL.....	" " - "	"

### Butter Head Varieties

Bibb.....	Pkt. .25 - 1 lb.	\$5.00
Big Boston.....	" .20 - "	3.50
MATCHLESS.....	" .35 - "	7.50
May King. Very early.....	" .15 - "	3.50
Unrivalled or White Boston.....	" .25 - "	5.00

### Crisp Head Varieties

Great Lakes (for uplands).....	Pkt. .35¢ - 1 lb.	\$7.50
Great Lakes No. 659 for fall crop.....	" " - "	"
Iceberg.....	" .15¢ - "	3.50
Imperial No. 456 (for Muck).....	" .35¢ - "	7.50
Pennlake.....	" " - "	"

### Cos Varieties

Express Cos (Dark Green).....	Pkt. .20¢ - 1 lb.	\$3.50
Paris White Cos.....	" " - "	"
Parris Island Cos.....	" .25 - "	5.00

## MUSTARD

Chinese Smooth Leaf.....	Pkt. .20¢ - 1 lb.	\$2.00
Florida Broad Leaved.....	" " - "	"
Giant Southern Curled Long Sta.....	" " - "	"
Green Wave (Long standing AA57.....	" " - "	"
Tendergreen.....	" " - "	"

## MUSHROOM SPAWN

**Lambert's New Spore Culture Spawn.** Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

### Improved Vita.

(Bricks weigh approximately 1 lb.)

1 Brick	5 Bricks	10 Bricks
\$1.50	\$4.00	\$12.50

**Sterilized Bottle Spawn**, in cartons. One carton will spawn 40 square feet. \$3.00 per carton \$24.50 per doz.  
Write for circular.

## OKRA

**Dwarf Long Pod, White Velvet, Tall or Perkins' Mammoth, Clemson Spineless**

Prices of all of the above..... Pkt. .20¢ - 1 lb. \$2.50

## ONION

### Hybrid Varieties

Abundance (Early Yellow Globe.....	Pkt. .25¢ - 1 lb.	\$15.00
Autumn Spice (Storage Type).....	" " - "	"
Brown Beauty (Yellow Globe.....	" " - "	"
Encore (Early Yellow Globe Type).....	" " - "	"

These Prices Subject to Change Without Notice.



**CABBAGE—Continued**

Copenhagen Market Select	Pkt. .25¢ - 1 lb.	\$5.75
Danish Ballhead Select	" " "	5.50
Early Flat Dutch Steins	" .20¢ - "	5.25
Early Jersey Wakefield	" " - "	5.35
Golden Acre Select	" .25¢ - "	5.75
Succession (Henderson Strain)	" " - "	5.85
Vaughan's Premium (Late) Flat	" .30¢ - "	6.50

**RED CABBAGE**

Mammoth Rock Red Long	Pkt. .50¢ - 1 lb.	\$6.50
Red Acre (Early)	" .55¢ - "	6.75
Wisconsin Red, Yellows Resist	" .65 - "	7.50

<b>SAVOY CABBAGE—Chieftain</b>	Pkt. .35¢ - 1 lb.	\$6.50
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**CHINESE CABBAGE**

Michihli (Improved Chihli)	Pkt. .20¢ - 1 lb.	\$5.00
Wong Bok (Paoting)	" .15¢ - "	4.00

**CANTALOUPE**

Banana	Pkt. .25¢ - 1 lb.	\$5.00
Extra Early Hackensack. Best	" " "	"
Hale's Best Jumbo Strain	" " "	"
Hearts of Gold or Improved	" " "	"
Honey Dew	" " "	"
Honey Rock	" " "	"
IRROQUOIS	" " "	"
Milwaukee Market	" " "	"
Pride of Wisconsin	" " "	"
Rocky Ford. Green Flesh	" " "	"
Sichoon's Hardshell (Early Bender)	" " "	"

**CARROT**

Chantenay Greater (Long Type)	Pkt. .25¢ - 1 lb.	\$4.00
Chantenay. Red core	" " "	"
Danvers Half Long. Red core	" .35¢ - "	5.50
Hutchinson (Waltham Strain)	" " - "	5.00
Imperator Long Type	" .30¢ - "	4.50
Imperida (New Short Top Impera	" " - "	"
Nantes Half Long	" " - "	"
Oxheart	" .35¢ - "	5.00
Sweetheart	" " - "	"

<b>CARDOON</b>	Pkt. .75¢ - 1 lb.	\$12.50
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**CHICORY**

Asparagus or Radichetta	Pkt. .20¢ - 1 lb.	\$4.00
Magdeburg. Large rooted	" " - "	"
San Pasquale	" .25¢ - "	5.00
Witloof or French Endive. Fancy	" .20¢ - "	4.00

<b>CHIVES</b>	Pkt. .75¢ - 1 lb.	\$15.00
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**CRESS**

Curled or Pepper Grass	Pkt. .20¢ - 1 lb.	\$4.00
Upland	" " "	"
Water	" .75¢ - 1 lb.	12.00

<b>CORN SALAD</b>	Pkt. .25¢ - 1 lb.	\$5.00
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**COLLARDS**

Georgia	Pkt. .15¢ - 1 lb.	\$3.00
Vates	" .20 - "	4.00

**CAULIFLOWER**

Ideal (All American 1949)	Pkt. \$1.00 - 1 lb.	\$35.00
New Snowball (Main crop)	" .85 - "	32.50
Super Select Snowball (Early)	" .90 - "	31.00

**CELERY**

<b>EASY BLANCHING FULL HEART</b>	Pkt. \$0.75 - 1 lb.	\$6.75
Giant Pascal Easy-blanching and	Pkt. .50¢ - 1 lb.	\$12.00
Golden Self-Blanching. Short	" .45¢ - "	10.50
Summer Pascal	" .65¢ - "	14.75
Tall Utah 52-70	" 1.25 - "	28.50
Utah Pascal	" .65¢ - "	13.50

**CELERIAC**

<b>Large Smooth Prague. Earliest</b>	Pkt. .65 - 1 lb.	\$10.00
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**SWEET CORN****Open Pollinated Varieties**

<b>Black Mexican</b>	Pkt. .25¢ - 1 lb.	\$3.50
<b>Bantam Evergreen</b>	" .20¢ - 1 lb.	3.00
<b>Country Gentleman</b>	" " - "	"
<b>Early Evergreen</b>	" " - "	"
<b>Extra Early Bantam 8 Row</b>	" " - "	"
<b>Golden Bantam 8 Row</b>	" " - "	"
<b>Golden 60 Day</b>	" " - "	"
<b>Golden Midget</b>	" .25¢ - "	3.50
<b>Stowell's Evergreen</b>	" .20¢ - "	3.00

**Hybrid Varieties**

We offer any of the hybrids listed below treated and graded into flat kernels only at 2½ cents per pound extra.

<b>Bouquet (very sweet)</b>	Pkt. .25 - 1 lb.	\$2.00
<b>CARMELCROSS IMPROVED</b>	" .30 - "	2.50
<b>Country Gentleman (Illinois #13)</b>	" .25 - "	2.00
<b>GOLDEN BEAUTY</b>	" " - "	"
<b>GOLDEN CROSS BANTAM</b>	" .35 - "	2.00
<b>Honey (New)</b>	" .25 - "	1.75
<b>IOANA</b>	" " - "	"
<b>IOCHIEF</b>	" " - "	"
<b>Marcross 39</b>	" " - "	"
<b>Miniature</b>	" .30 - "	2.50
<b>OUR CHOICE</b>	" .25 - "	2.00
<b>Stowells Evergreen Hybrid</b>	" .30 - "	2.50
<b>Surprise</b>	" .25 - "	2.00

**POP CORN**

<b>Jap Hulless</b>	Pkt. .25 - 1 lb.	\$2.00
<b>Illinois Hulless</b>	" .25 - "	2.25
<b>Minnhybrid 250</b>	" .30 - "	2.50
<b>Purdue Hybrid 31</b>	" .20 - "	1.75
<b>South American</b>	" " - "	"

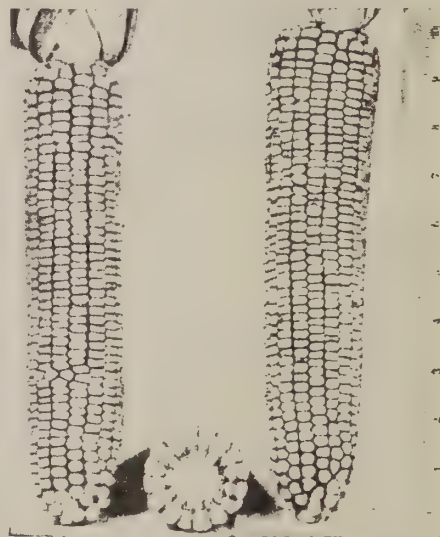
**HYBRID FIELD CORN**

We offer State Certified Hybrids—

For many years breeders at the University of Wisconsin have been constantly at work developing and improving hybrids adapted to Northern Illinois, Wisconsin, Michigan, Iowa and Indiana.

Through arrangements with the University we are able to offer these proven hybrids at the following prices:

Grade	10 Bu. Bu.
Flat Kernels	
(Edge Drop)	\$6.75 - \$12.00

**CUCUMBERS HYBRIDS**

<b>THE VAUGHAN HYBRID (The best slicer for home or market)</b>	Pkt. \$1.00 - 1 lb.	\$45.00
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**STANDARD TYPES**

<b>"A &amp; C" Colorado</b>	Pkt. .20¢ - 1 lb.	\$4.50
<b>Ashley</b>	" .25 - "	5.00
<b>Boston Pickling</b>	" .20 - "	4.50
<b>Chicago Westerfield Pickling</b>	" " - "	"

These Prices Subject to Change Without Notice.

( over )



## ONION—Continued

Magnifico (Sweet Spanish Type) Pkt.	.50¢	- 1 lb.	\$15.00
Vaughan's Hybrid Winter " (Storage Type)	.35¢	- "	12.75

### Standard Types

BELTSVILLE BUNCHING Pkt.	.25¢	- 1 lb.	\$6.00
Bermuda Yellow "	"	- "	"
Crystal White Wax "	.50¢	- "	10.00
Downing Yellow Globe "	.35¢	- "	7.50
Early Yellow Globe "	.30¢	- "	7.00
Ebenezer Yellow "	"	- "	"
Ebenezer White "	.45¢	- "	9.00
Golden Globe "	"	- "	"
He-Shi-Ko or Jap Bunching. hardy) "	.25¢	- "	6.50
Iowa Yellow Globe No. 44 "	.35¢	- "	7.50
Red Wethersfield "	.25¢	- "	6.00
Southport White Globe "	.35¢	- "	7.50
Southport Red Globe "	"	- "	"
Southport Yellow Globe "	"	- "	"
White Lisbon Bunching "	"	- "	"
White Portugal "	.25¢	- "	6.00
White Sweet Spanish "	.45	- "	8.25
Yellow Sweet Spanish "	.40	- "	7.75

### PARSLEY

Champion Moss Curled Pkt.	.20¢	- 1 lb.	\$4.50
Hamburg (Standard) (Rooted) "	"	- "	"
Plain Regular "	"	- "	"
Plain Large Dark Green Leaf. "	"	- "	"
Vaughan's XXX "	"	- "	"

### PARSNIP

All American (Hollow Crown) Pkt.	.25	- 1 lb.	\$3.00
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### PEAS

Alaska (Resistant) Pkt.	.15¢	- 1 lb.	\$4.00
Alderman (Tall Telephone) "	"	- "	"
American Wonder "	"	- "	"
Dwarf Gray Sugar "	"	- "	"
Dwarf Telephone or Daisy (choice) "	"	- "	"
Giant Stride (Wilt-resistant) "	"	- "	"
Improved Gradus or World's Rec "	"	- "	"
Laxton's Progress (Hundredfold, tonian) "	"	- "	"
Laxton's Superb "	"	- "	"
Lincoln "	"	- "	"
Little Marvel "	"	- "	"
Nott's Excelsior (Premium Gem) "	"	- "	"
Thomas Laxton "	"	- "	"
WANDO (Heat resistant) "	"	- "	"

### PEPPER

All Big—Illinois F5 Pkt.	.25¢	- 1 lb.	\$12.50
California Wonder "	"	- "	"
EARLY CALIFORNIA WONDER "	.35¢	- "	15.00
Golden California Wonder "	"	- "	"
Jayenne, Long red. "	.25¢	- "	12.50
Harris Giant "	.20¢	- "	10.00
Hungarian Hot "	.35¢	- "	15.00
HUNGARIAN SWEET "	"	- "	"
Perfection Pimiento "	.25¢	- "	12.50

## PEPPER—Continued

Red Chili Pkt.	.30¢	- 1 lb.	13.75
Ruby King (King of the North) "	.20¢	- "	10.00
Sunnybrook, (Tomato shaped Pim) "	.30¢	- "	11.50
Wisconsin Lakes "	.35¢	- "	15.00
Worldbeater (Magnum Dulce) "	.25¢	- "	12.50
YOLO WONDER "	.35¢	- "	15.00

### PUMPKIN

Connecticut Field or Big Tom Pkt.	.25¢	- 1 lb.	\$2.75
Halloween (Jack O'Lantern) "	"	- "	3.00
Kentucky Field "	.20¢	- "	2.50
Vaughan's Mammoth Prize "	.35¢	- "	4.00
Small Sugar Pie "	.20¢	- "	2.75
Striped Cushaw "	.25¢	- "	3.00

### RADISH

Burpee White Pkt.	.25¢	- 1 lb.	\$3.00
Cavalier "	"	- "	2.50
Cherry Belle "	.20¢	- "	2.75
Champion "	.25¢	- "	3.00
Cincinnati Market. Long scarlet "	.20¢	- "	2.50
Crimson Giant Forcing "	"	- "	"
Early Scarlet Globe (Medium top) "	"	- "	"
Early Scarlet Globe (Short top) "	.25¢	- "	2.75
Improved French Breakfast "	"	- "	"
Scarlet Turnip, White Tip (Spar) "	.20¢	- "	2.50
White Icicle. The earliest long wh "	"	- "	"
White Strassburg "	"	- "	"

### Winter Varieties

California Mammoth White Pkt.	.25¢	- 1 lb.	\$2.75
Chinese Mammoth or Celestial "	"	- "	"
Long Black Spanish "	"	- "	"
Rose or Scarlet China Winter "	"	- "	"
Round Black Spanish "	"	- "	"

### RHUBARB

Mammoth Pkt.	.25¢	- 1 lb.	\$5.00
Victoria "	"	- "	"
<b>RHUBARB ROOTS</b>			
Chipman's Canadian Red—divisions	ea.	10	100
	.75¢	6.50	55.00
Valentine (New Red)—divisions	1.25	9.75	75.00
Victoria, 2 year 1-1½ in.	.50	3.50	13.75

### HORSERADISH

"Ask for prices"

### SALSIFY

Mammoth Sandwich Island Pkt.	.35¢	- 1 lb.	\$8.75
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### SORREL

Broad Leaved Pkt.	.30¢	- 1 lb.	\$7.50
Narrow Leaved "	"	- "	"

### SPINACH

HYBRID No. 7 Pkt.	.25¢	- 1 lb.	\$2.75
AMERICA "	.15¢	- "	1.00
Bloomsdale Long Standing "	"	- "	"
King of Denmark "	"	- "	"
New Zealand "	"	- "	"
Old Dominion "	"	- "	"
Viking (Giant Nobel) "	"	- "	"
Virginia, Blight-Resistant "	"	- "	"

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## SQUASH

Banana (Blue) (W)	Pkt. .25¢	- 1 lb.	\$4.00
Buttercup (W)	" .35¢	- "	7.50
Butternut (W)	" "	- "	8.00
Caserta (S)	" "	- "	7.75
Cocozelle (S)	" .20¢	- "	4.00
Crookneck, Giant (S)	" "	- "	"
Crookneck Yellow Summer (S)	" "	- "	"
Des Moines Jumbo, Royal	" "	- "	"
Des Moines Table Queen, Acorn	" "	- "	6.00
Hubbard Blue Special (W)	" "	- "	"
Hubbard Chicago Watted (W)	" "	- "	"
Hubbard, Golden (W)	" "	- "	"
Hubbard Improved (W)	" "	- "	"
Straightneck, Early Prolific (S)	" "	- "	"
Uconn (W)	" "	- "	6.00
Warren Turban (W)	" "	- "	4.00
White Bush Scallop Mammoth	" "	- "	6.50
Zucca Pergola (S)	" "	- "	4.00
Zucchini-Black Vegetable Mar	" "	- "	4.00
Zucchini-Gray Vegetable Mar	" "	- "	5.50
Zucchini-Black Beauty (S)	" "	- "	"

## TOBACCO

Connecticut Seed Leaf	Pkt. .25¢	- 1 lb.	\$12.60
White Burley	" "	- "	11.75

## TOMATO

### VAUGHAN'S EARLY HYBRID

(Ideal for early market) Pkt. .35¢ - 1 oz. \$15.00

### VAUGHAN'S HYBRID

### EARLY GIANT HYBRID F1.

Largest early red hybrid, very prolific. Pkt. .50¢ - 1 oz. \$35.00

### BURPEE'S BIG BOY®

### WONDER BOY

## Standard Types

Bonny Best. Certified (John Baer)	Pkt. .20¢	- 1 lb.	\$14.00
Bounty. (Victor)	" .25¢	- "	15.00
BREAK O' DAY	" "	- "	"
Crimson Cushion or Beefsteak	" "	- "	"
Dwarf Stone. Mid-season red	" "	- "	"
Earliana, Earliest red	" "	- "	"
Firesteel	" .20¢	- "	15.00
Garden State	" .25¢	- "	15.00
Giant Tree or Climbing	" .50¢	- "	70.00
Ponderosa Golden	" .35¢	- "	18.00
Jubilee. Mid-season, yellow globe	" .25¢	- "	15.00
Manatee. (new early red from	" .30¢	- "	17.50
MANALUCIE	" .35¢	- "	18.00
Marglobe Certified	" .25¢	- "	15.00
Oxheart. Pink	" .30¢	- "	17.50
Ponderosa Pink	" .25¢	- "	15.00
Pritchard Certified	" "	- "	"
QUEENS	" .20¢	- "	14.00
Richmeat (Hendersons)	" .45	- "	25.00
Rutgers Certified	" .25¢	- "	15.00
Sioux	" "	- "	"
Stokesdale. Certified	" .20¢	- "	14.00

## TOMATO—Continued

Stone, Improved. Medium	Pkt. .20¢	- 1 lb.	\$14.00
Valiant	" "	- "	"
Wiltmaster (very resistant)	" .35¢	- "	18.00
Winsall (Hendersons)	" .45¢	- "	24.00
Wisconsin No. 55. Certified	" .20¢	- "	14.00

## Forcing Sorts

Livingston's Globe. Pink strain	Pkt. .25¢	- 1 oz.	\$10.00
Livingston's Globe. Pink wilt re	" "	- "	"

WALTHAM RED	Pkt. .20¢	- 1 oz.	\$8.00
MICHIGAN STATE RED. 75	" .15¢	- "	4.00

TUCKCROSS W HYBRID	Pkt. .50¢	- 1 oz.	\$32.00
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## SMALL FRUITED TOMATOES

Ground Cherry	Pkt. .25¢	- 1 lb.	\$15.00
ITALIAN CANNER	" .35¢	- "	24.00
Red Plum	" .25¢	- "	15.00
TINY TIM	" .50¢	- "	36.00

All other small fruited varieties at same prices as Red Plum.

## TURNIP

Amber or Yellow Globe	Pkt. .15¢	- 1 lb.	\$2.00
Early Extra Purple Top Milan	" "	- "	"
Early White Milan. Earliest of a	" "	- "	"
Cowhorn	" "	- "	"
Purple Top Strap Leaf	" "	- "	"
Purple Top White Globe	" "	- "	"
Seven Top	" .10¢	- "	1.50
Shogoin or Foliage Turnip	" .15¢	- "	2.00
Snowball	" "	- "	"

## RUTABAGA OR SWEDE

Laurentian	Pkt. .10¢	- "	2.00
Vaughan's American Purple	" "	- "	"

## WATERMELON

Black Lee Resistant	Pkt. .20¢	- 1 lb.	\$4.50
Charleston Gray	" .25¢	- "	5.00
Citron	" "	- "	"
Cole's Early or Harris Early	" "	- "	"
Congo	" .35¢	- "	6.00
Dixie Queen	" .30¢	- "	5.00
Dixie Queen Hybrid	" .75¢	- "	45.00
Florida Giant (Black Diamond)	" .20¢	- "	4.50
Golden Honey	" "	- "	"
Icebox	" "	- "	"
Kleckley's Sweet No. 6	" "	- "	"
Klondyke	" "	- "	"
New Hampshire Midget	" "	- "	"
Rhode Island Red	" "	- "	"
Stone-Mountain Resistant No. 5	" .25¢	- "	5.00
Dixie	" .30¢	- "	6.50
Sugar Baby	" .20¢	- "	4.50
Sweetheart	" "	- "	"
Tom Watson	" "	- "	"
Winter. King and Queen	" "	- "	"

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FROM \_\_\_\_\_

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**JOYCRAFTS**

**337 PITTOCK BLOCK**

**PORTLAND 5, OREGON**







# Joycrafts

DATE \_\_\_\_\_ 19\_\_\_\_

[illegible]☐ **Send C. O. D.**

We pay postage if remittance accompanies the order.

